



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many as necessary)

**Complete if Known**

Application Number	10/734,366
Filing Date	Dec. 12, 2003
First Named Inventor	Gerard R. Lazo et al.
Art Unit	2171
Examiner Name	
Attorney Docket No.	0094.03

**Certificate of Mailing**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

Express Mail No. EK 918713593 US Date: June 3, 2004

Sheet 1 of 2 David R. Nicholson

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>JK</i>	AA1	US- 6,522,782 B2	02/18/2003	Pass et al.	
<i>JK</i>	AB1	US- 6,567,540 B2	05/20/2003	Balaban et al.	
<i>JK</i>	AC1	US- 6,629,097 B1	09/30/2003	Keith	
<i>JK</i>	AD1	US- 6,631,331 B1	10/07/2003	Sabry et al.	
<i>JK</i>	AE1	US- 6,633,819 B2	10/14/2003	Rzhetsky et al.	
<i>JK</i>	AF1	US- 6,651,008 B1	11/18/2003	Vaisberg et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup>				

Examiner  
Signature*Paul /hi*Date  
Considered

6/3/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449B/PTO</p> <h1>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1> <p>(Use as many as necessary)</p>		<b>Complete if Known</b>	
		Application Number	10/734,366
		Filing Date	Dec. 12, 2003
		First Named Inventor	Gerard R. Lazo et al.
		Art Unit	2171
		Examiner Name	
		Attorney Docket No.	0094.03
		<b>Certificate of Mailing</b>	
		<p>I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450</p> <p>Express Mail No. <b>EK 918713593 US</b> Date: <b>June 3, 2004</b></p>	
Sheet	2	of	2
		David R. Nicholson	<i>[Signature]</i>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
yu	AG1	KUMAR, S., et al., "BEST: A Novel Computational Approach for Comparing Gene Expression Patterns From Early Stages of <i>Drosophila melanogaster</i> Development," (2002) <i>Genetics</i> 162:2037-2047.	
ph	AH1	KAMINSKI, N., "Bioinformatics A User's Perspective," (2000) <i>Am. J. Respir. Cell Mol. Biol.</i> 23:705-711.	
ph	AI1	ARAVIND, L. and Koonin, E.V., "Gleaning Non-trivial Structural, Functional and Evolutionary Information About Proteins by Iterative Database Searches," (1999) <i>J. Mol. Biol.</i> 287:1023-1040.	
	AJ1	GRACY, J. and Argos, P., "Automated protein sequence database classification. I. Integration of compositional similarity search, local similarity search, and multiple sequence alignment," (1998) <i>Bioinformatics</i> 14(2):164-173.	
	AK1	ALTSCHUL, S.F. et al., "Basic Local Alignment Search Tool," (1990) <i>J. Mol. Biol.</i> 215: 403-410.	

Examiner Signature	<i>Paul J. [Signature]</i>	Date Considered	6/3/2006
--------------------	----------------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.